

Gender differences in early career mobility of university graduates in Switzerland

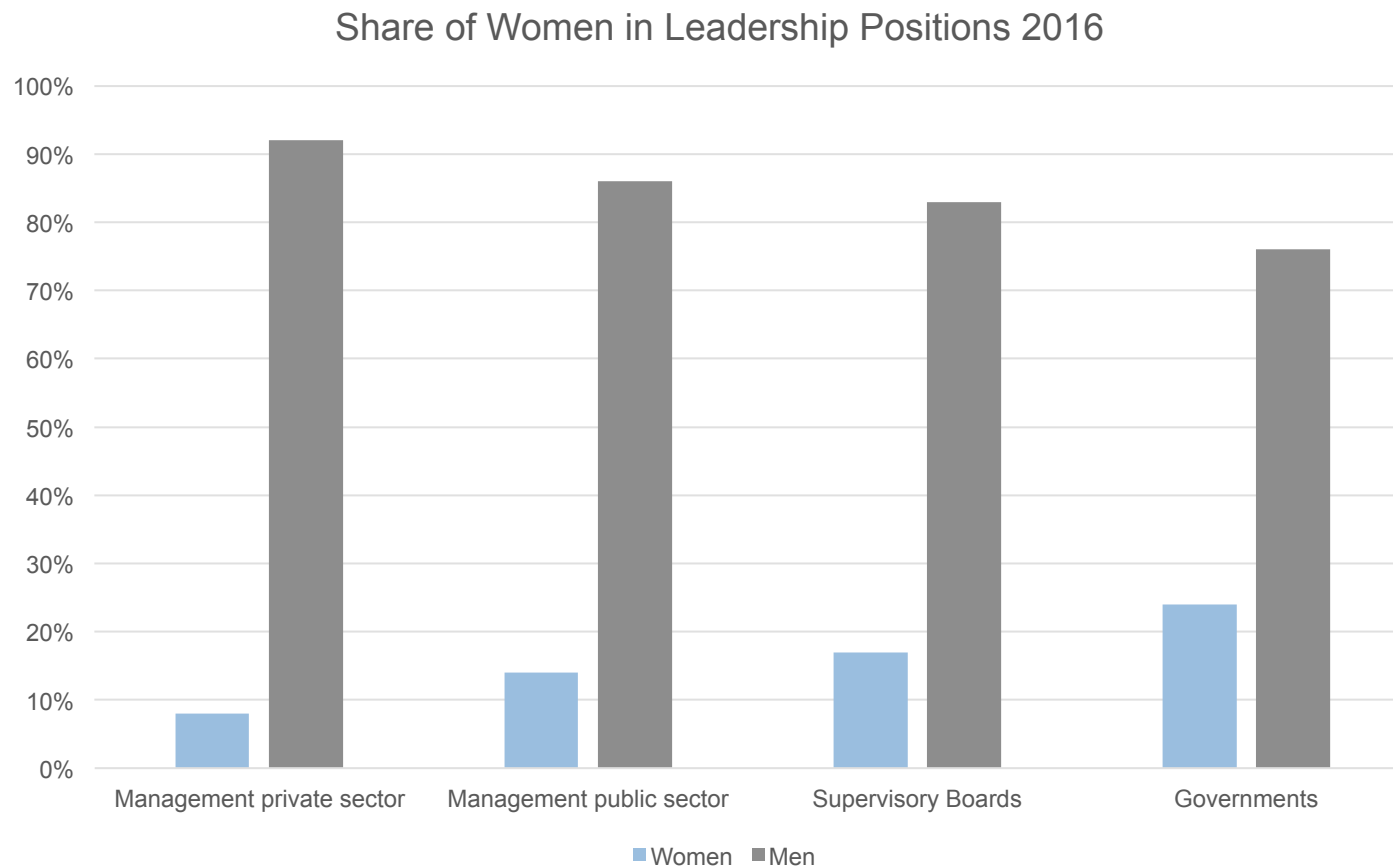
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**9th International Conference of Panel Data Users in
Switzerland, June 6, 2017, FORS - University of Lausanne**

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Introduction I



Source: Schillingreport 2017

Introduction II

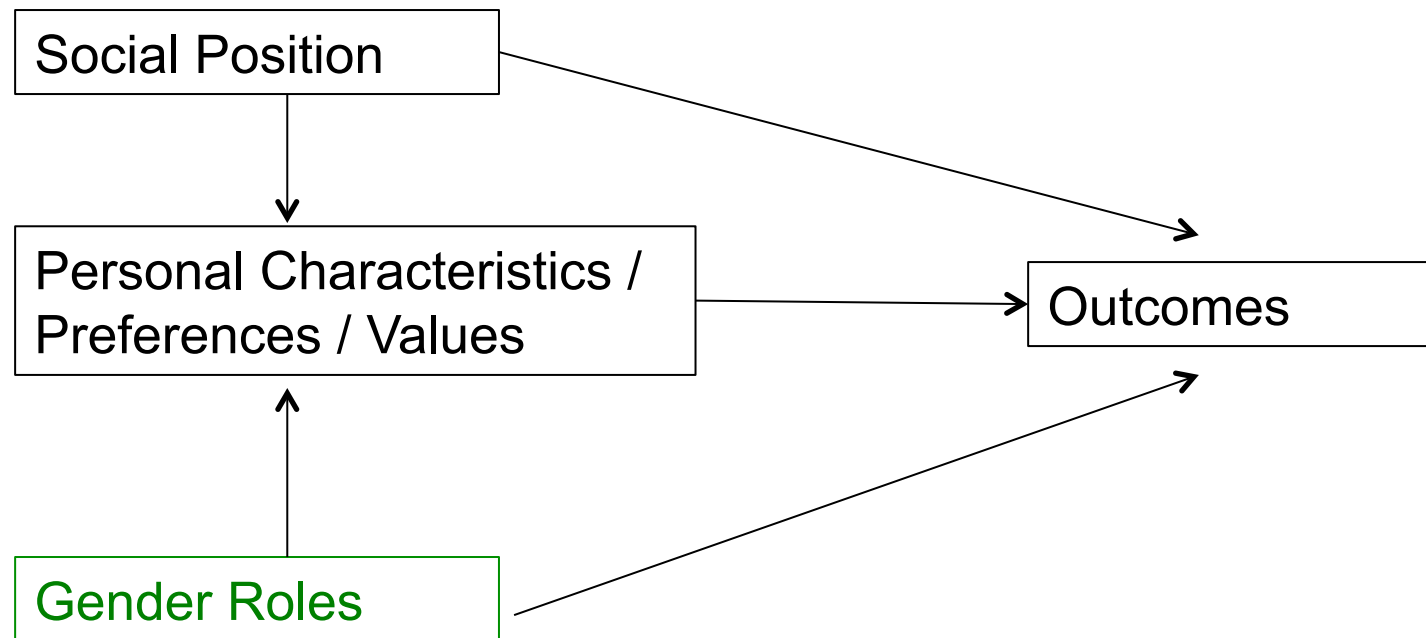
Are women less interested in pursuing an occupational career and is this the reason for their lower share in leadership positions?

Theory I

- > Human capital (Becker 1975, Mincer & Polachek 1974)
- > Preference theory (Hakim 1998, 2002)
- > Other sociological theories (social closure, networks, compensating differentials, new structuralism, queuing etc.)
- > Role congruence theory (Eagly & Karau 2002, Eagly & Sczesny 2008)

Theory II

- > Social embeddedness of preferences and work-related values



Research Design I

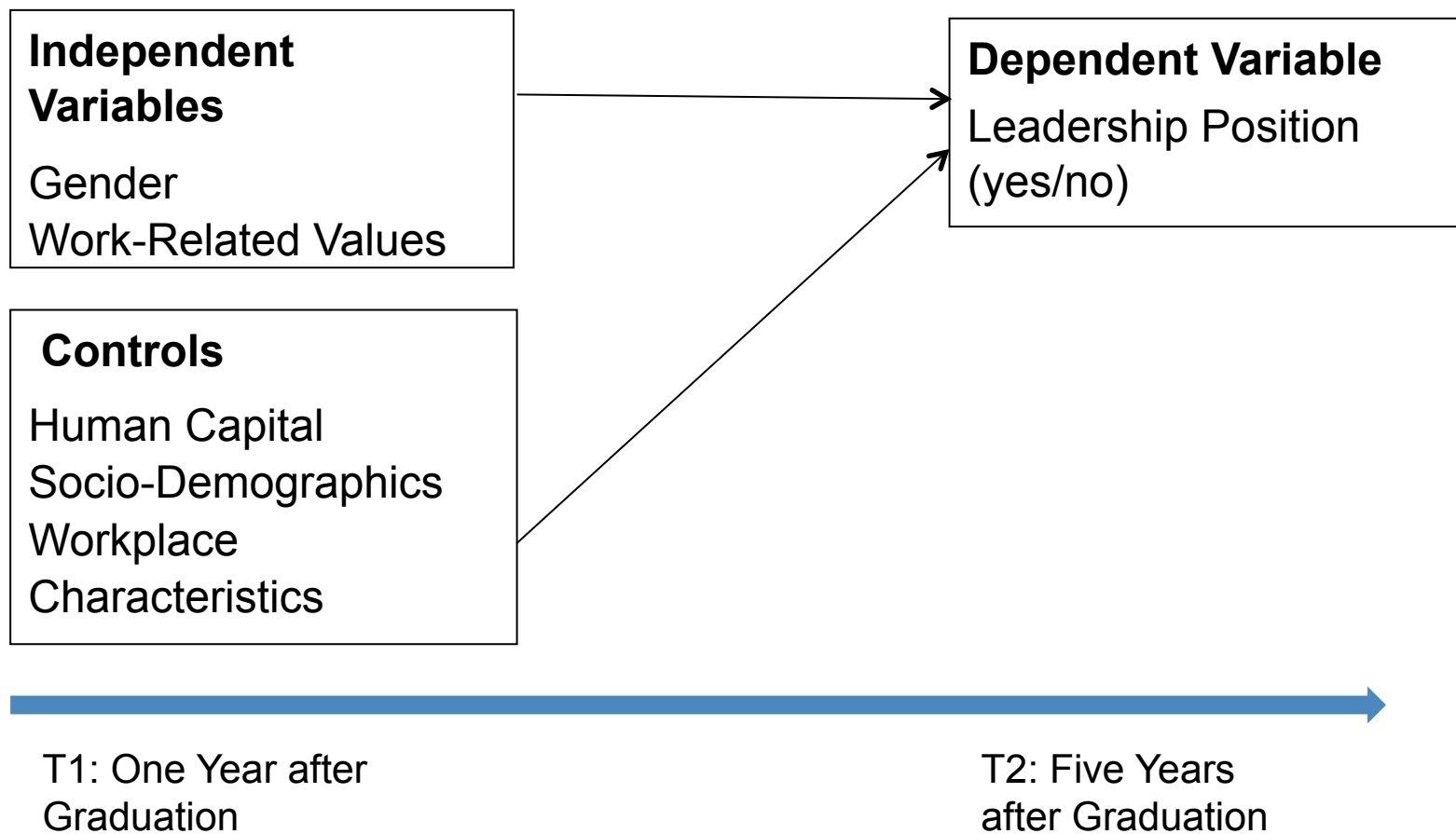
- > Research question
Is the gender gap in leadership positions caused by differences in career aspirations and other work-related values between men and women?

- > Data
Graduate Surveys (2007-2015) of the Swiss Federal Statistical Office

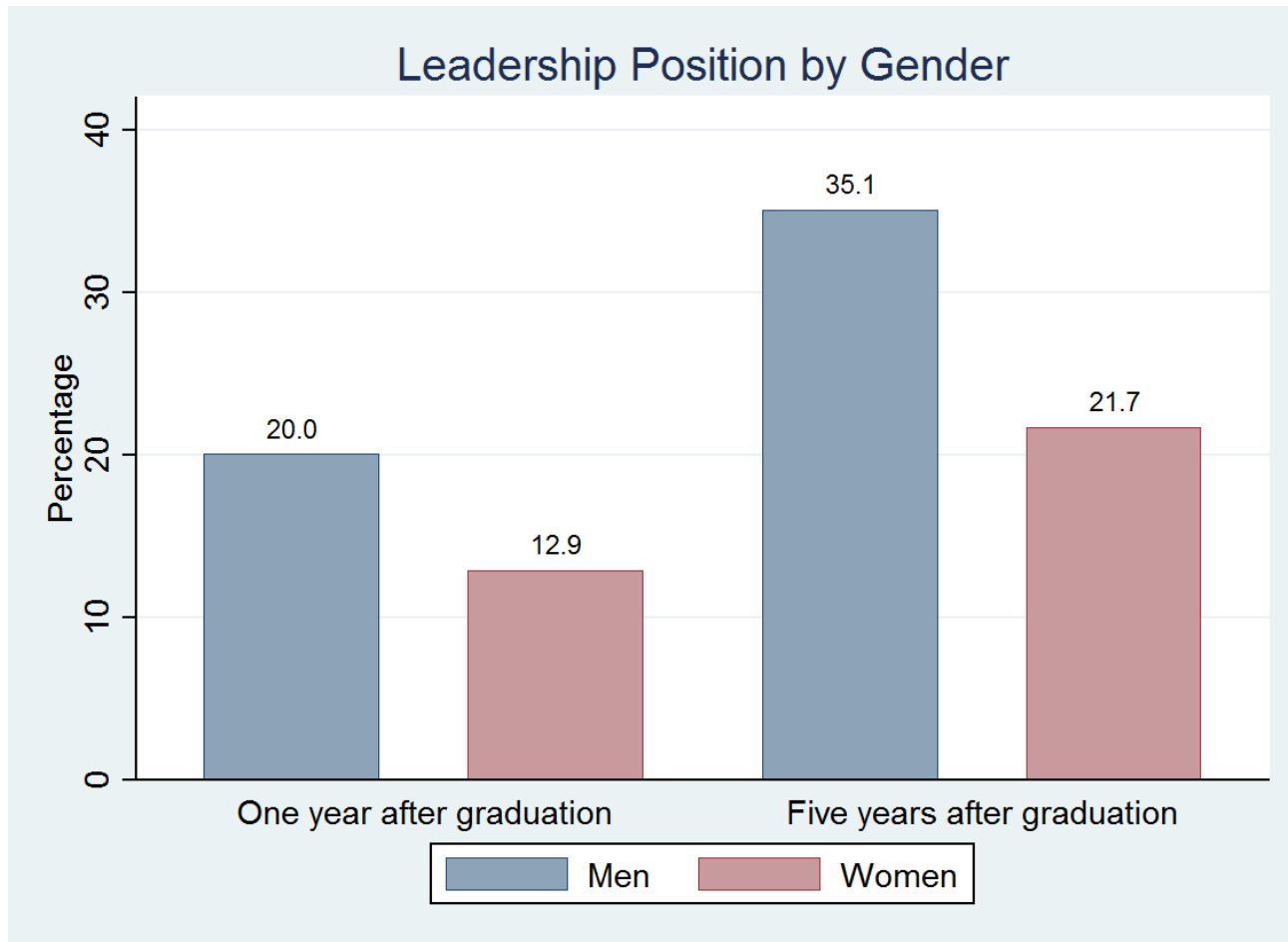
- > Methods
Logistic regressions and Oaxaca decompositions

Research Design II

> Analytic Model

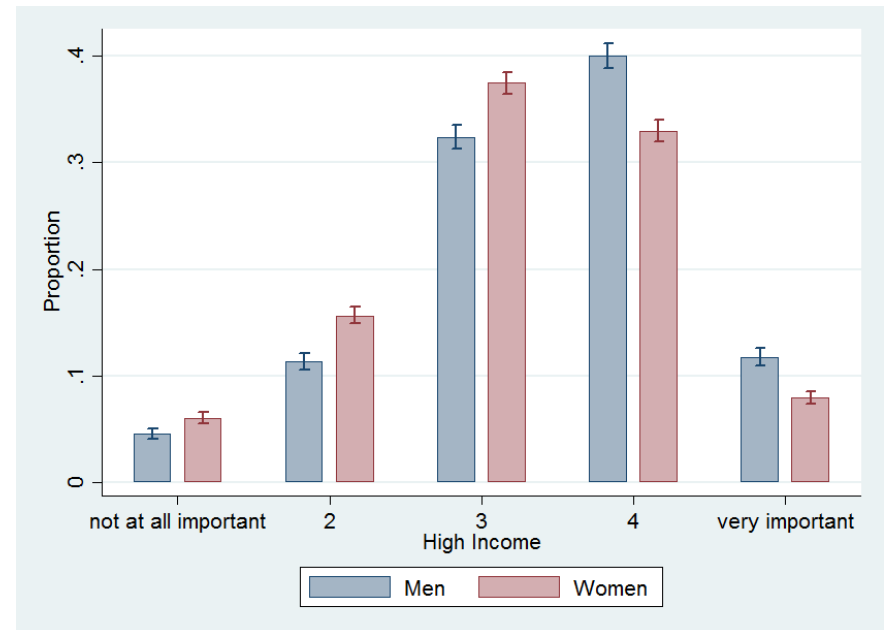
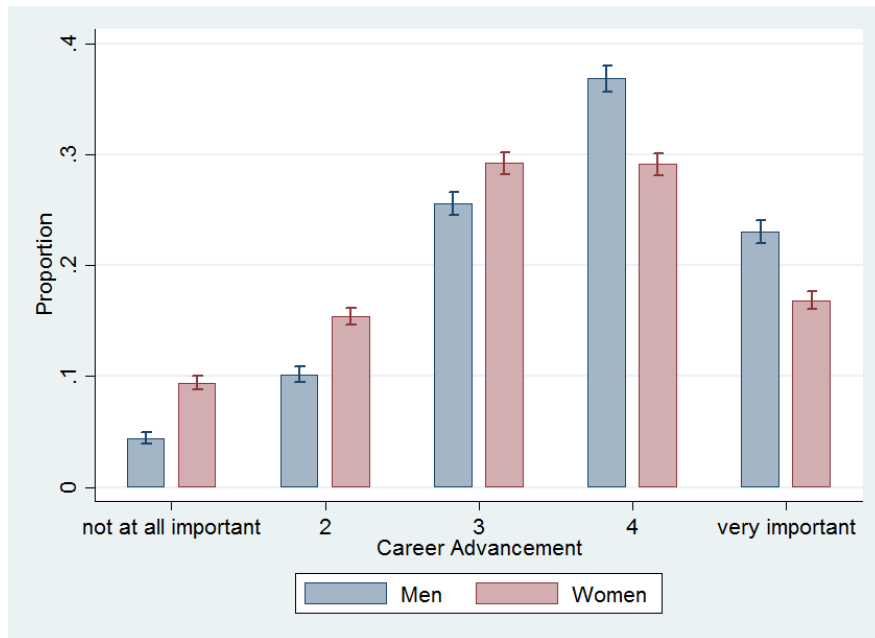


Results I



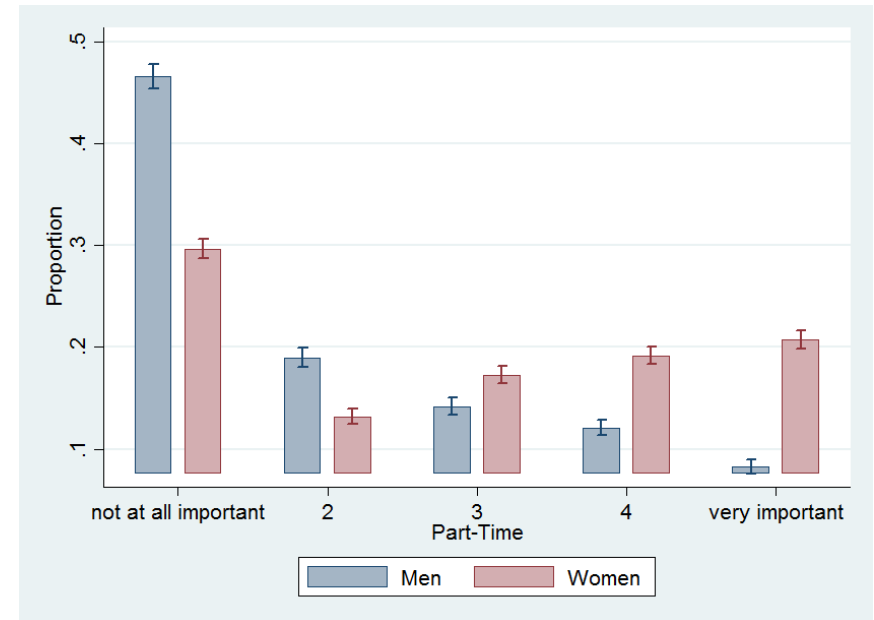
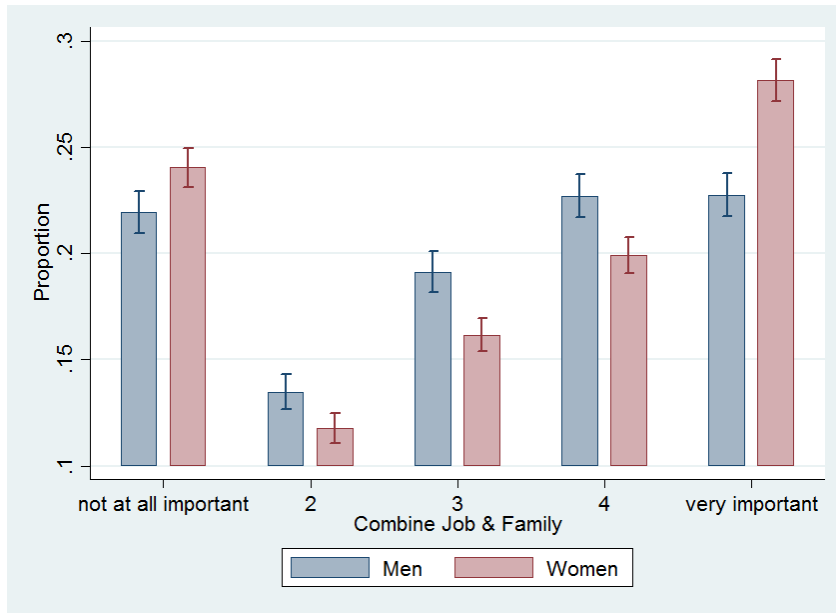
Results II

Work-related Values by Gender



Results III

Work-related Values by Gender (cont.)



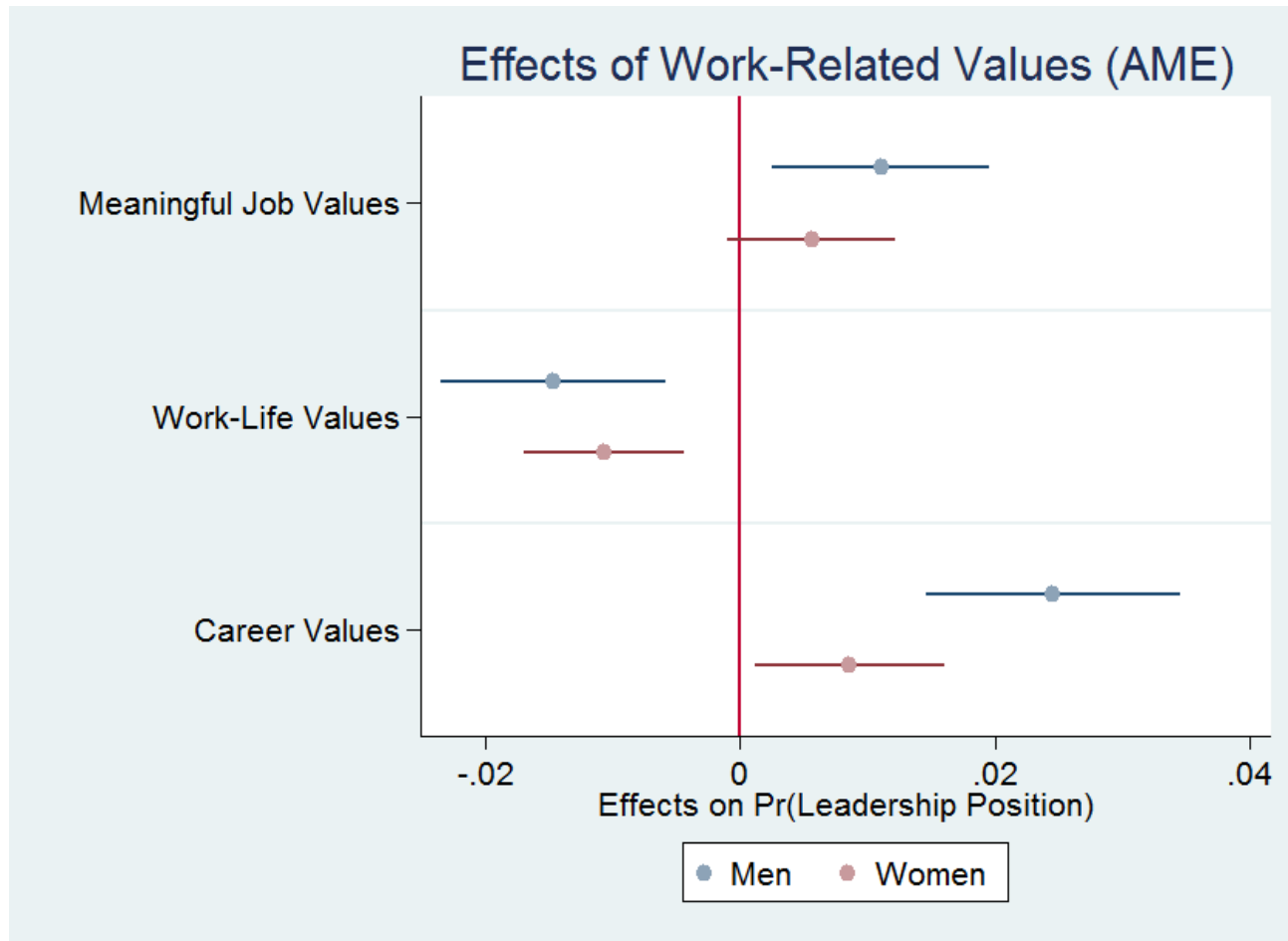
Results IV

> Results of PCA (bivariate correlations)

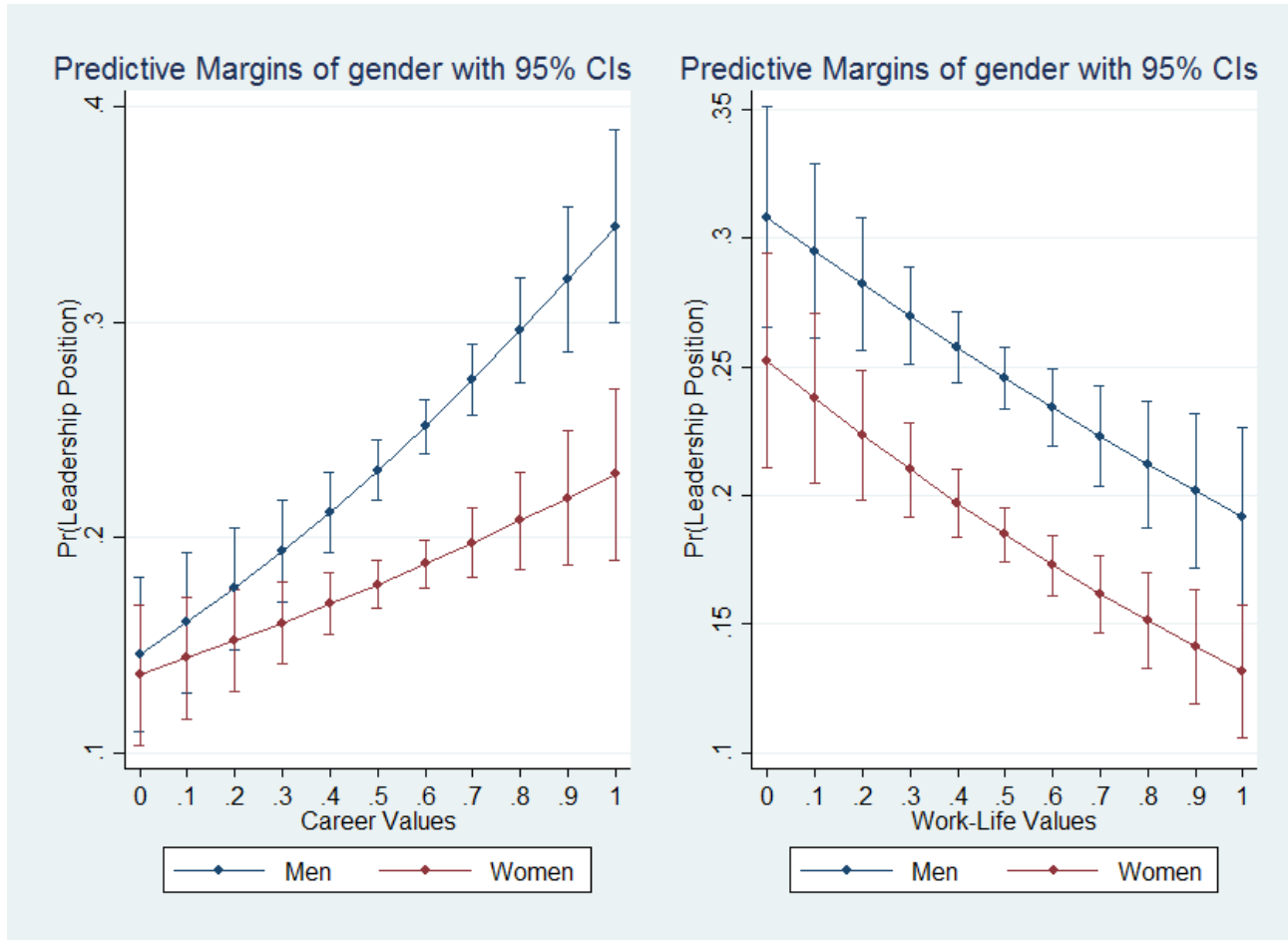
	Meaningful Job Values		Career Values		Work Life Values
Apply Qualifications	0.615***	Career Advancement	0.799***	Region Partner	0.564***
Good Working Atmosphere	0.596***	Safe Workplace	0.399***	Parttime	0.684***
Place own Conceptions	0.724***	High Income	0.705***	Combine Job & Family	0.752***
Work with People	0.554***	Firm Reputation	0.749***	Combine Job & other Activities	0.576***
Corresponding Convictions	0.662***			Not always Pressure	0.560***
Continue Training	0.423***				
Professional Development	0.617***				
<i>N (weighted)</i>	15'361		15'354		15'358

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

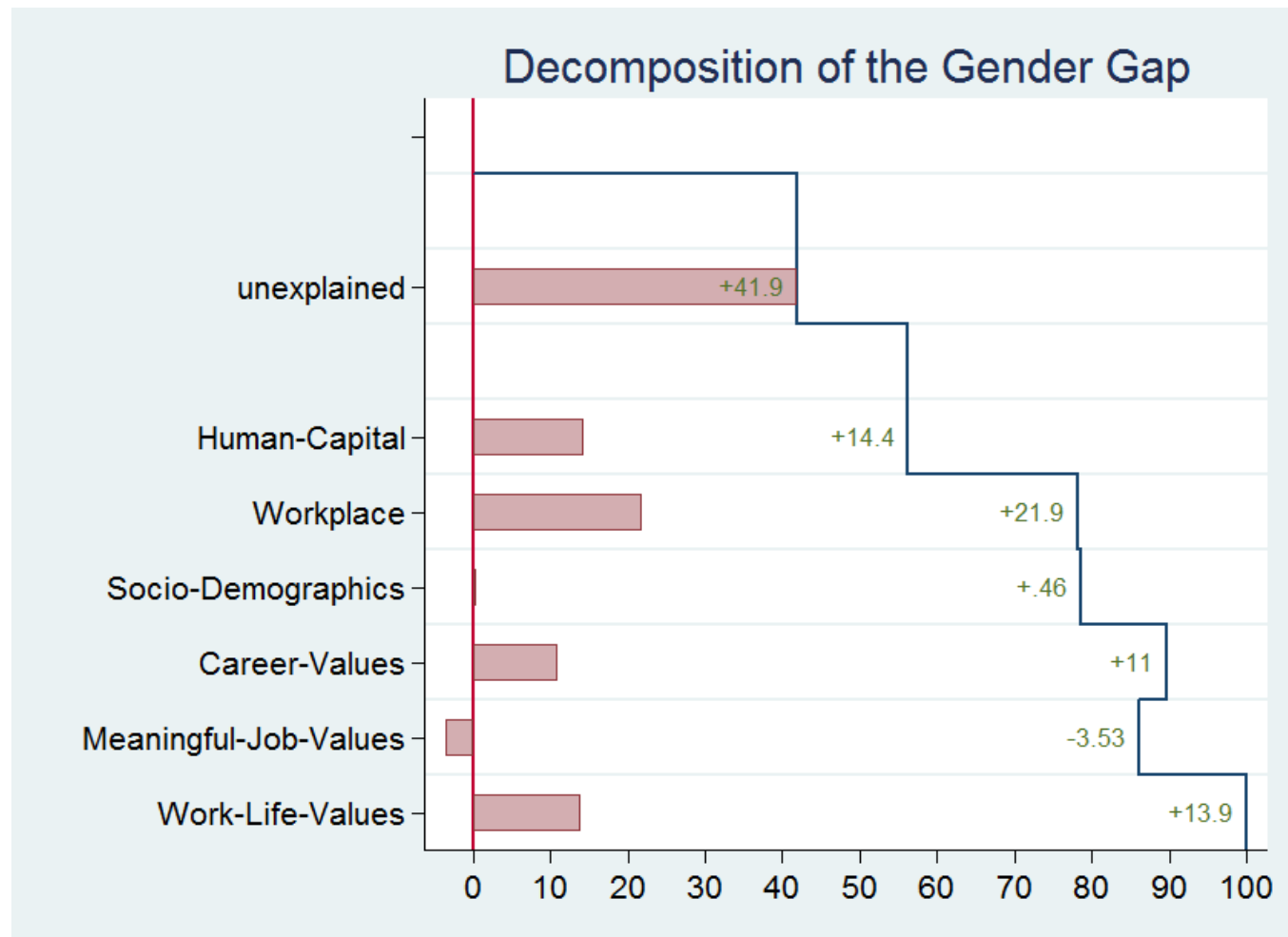
Results V



Results VI



Results VII



Results IIX - Summary

- > 10 percentage points lower probability for women to obtain a leadership position 5 years after graduation.
- > Work-related values explain 21% of the gender gap.
- > 42% of the gender gap remain unexplained.
- > Career aspirations positively influence the probability of getting a leadership position, but more so for men than for women.

Outlook

- > Is it the same with other groups, for example people who followed a vocational education?

- > Using other variables to measure career outcome
 - Income
 - Budget responsibility
 - Type of leadership position (lower, middle, upper management)

Discussion

- > Questions?
- > Comments?

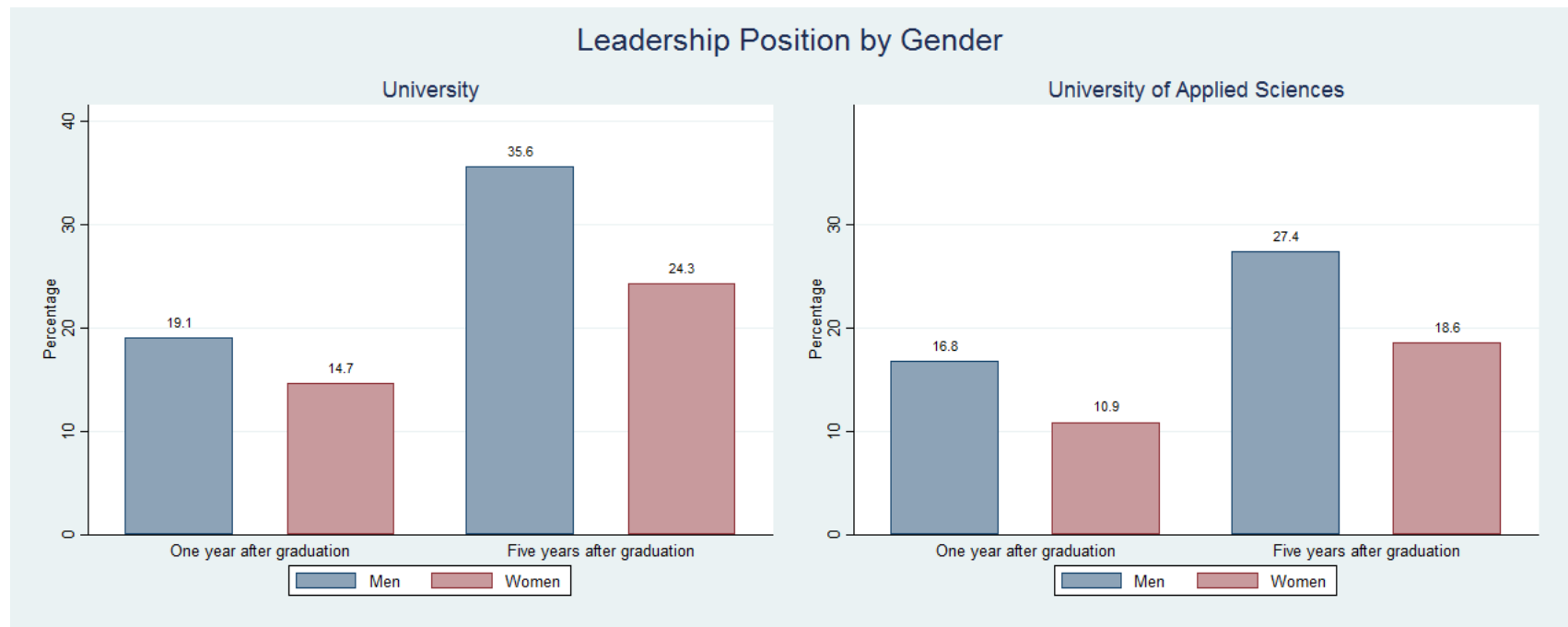


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Literature List

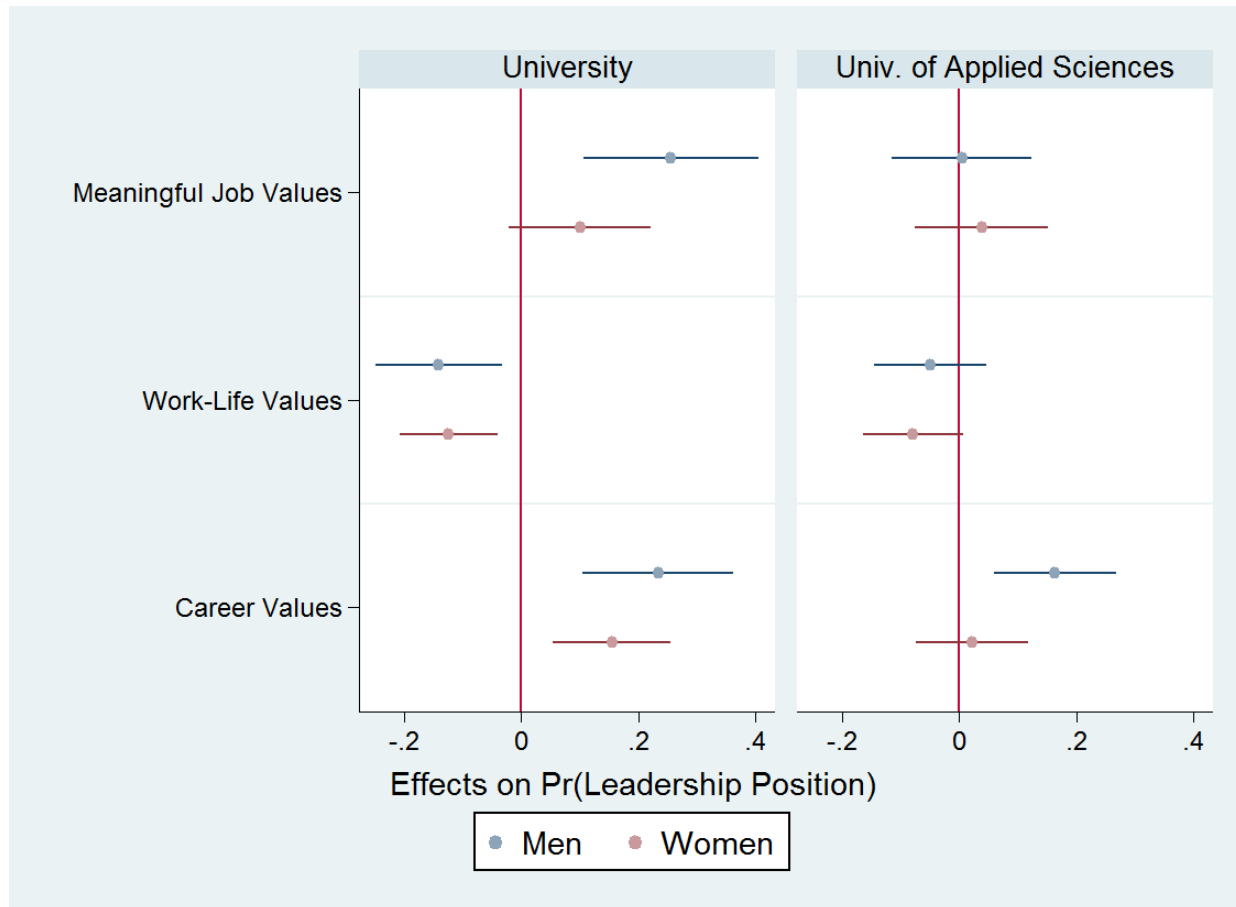
- Becker, Gary S. (1975). *Human Capital: a Theoretical and Empirical Analysis with special Reference to Education* (2nd). New York: National Bureau of Economic Research.
- Becker, Gary S. (1981). *A treatise on the family*: Harvard University Press.
- Eagly, Alice H and Steven J. Karau (2002). Role congruity theory of prejudice toward female leaders. *Psychological review*, 109(3), 573.
- Eagly, Alice H. and Sabine Sczesny (2008). Stereotypes about women, men and leaders: Have time changed? In: Barreto, Manuela K., Michelle K. Ryan and Michael T. Schmitt (Hg.). *The glass ceiling in the 21st century: Understanding barriers to gender equality* (21-47). Washington: American Psychological Association.
- England, Paula (2016). Sometimes the social becomes personal: Gender, class, and sexualities. *American Sociological Review*, 81(1), 4-28.
- Hakim, Catherine (1998). Developing a sociology for the twenty-first century: Preference Theory. *The British Journal of Sociology*, 49(1), 137-143.
- Hakim, Catherine (2002). Lifestyle preferences as determinants of women's differentiated labor market careers. *Work and occupations*, 29(4), 428-459.
- Jann, Ben (2008). The Blinder-Oaxaca decomposition for linear regression models. *The Stata Journal*, 8(4), 453-479.
- Jann, Ben (2014). Plotting regression coefficients and other estimates in Stata. *Stata Journal*, 14(4), 708-737.
- Mincer, Jacob and Solomon Polachek (1974). Family Investments in Human Capital: Earnings of Women. *Journal of Political Economy*, 82(2), 76-108.

Results Part 2: By Type of University I

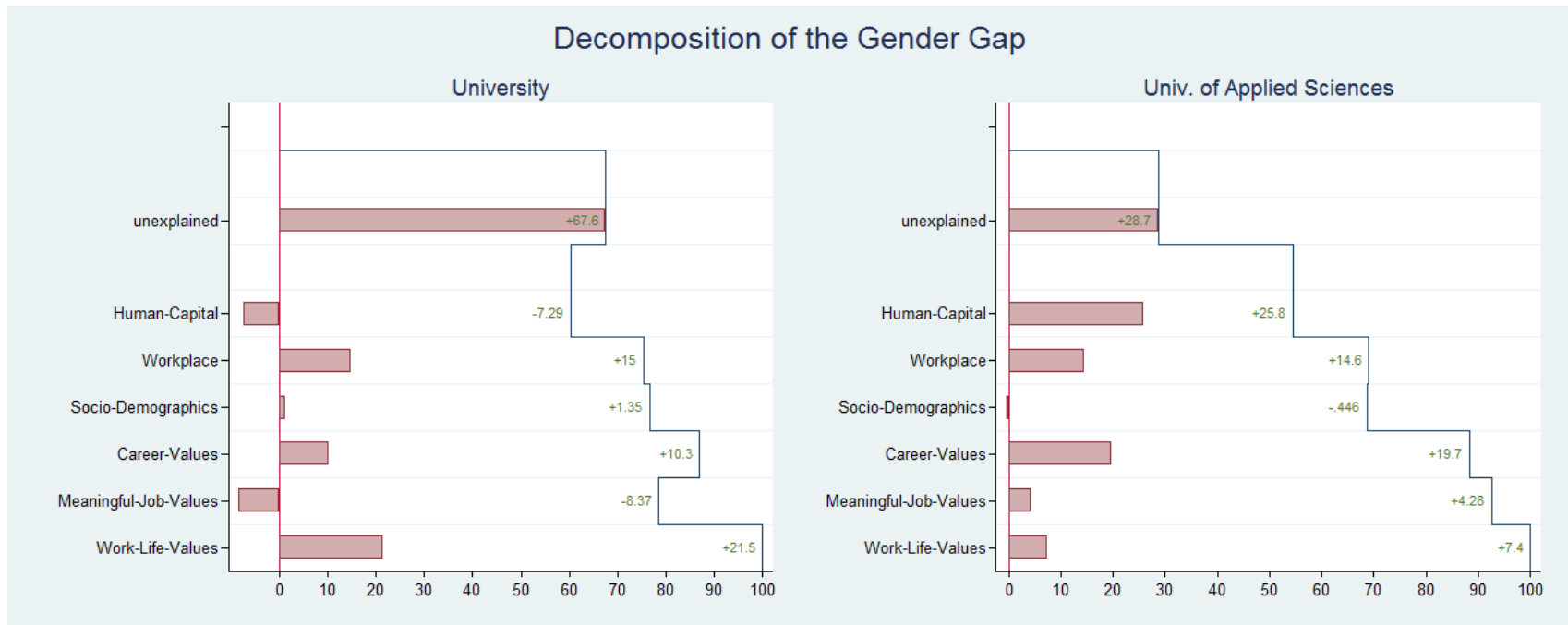


Results Part 2: By Type of University II

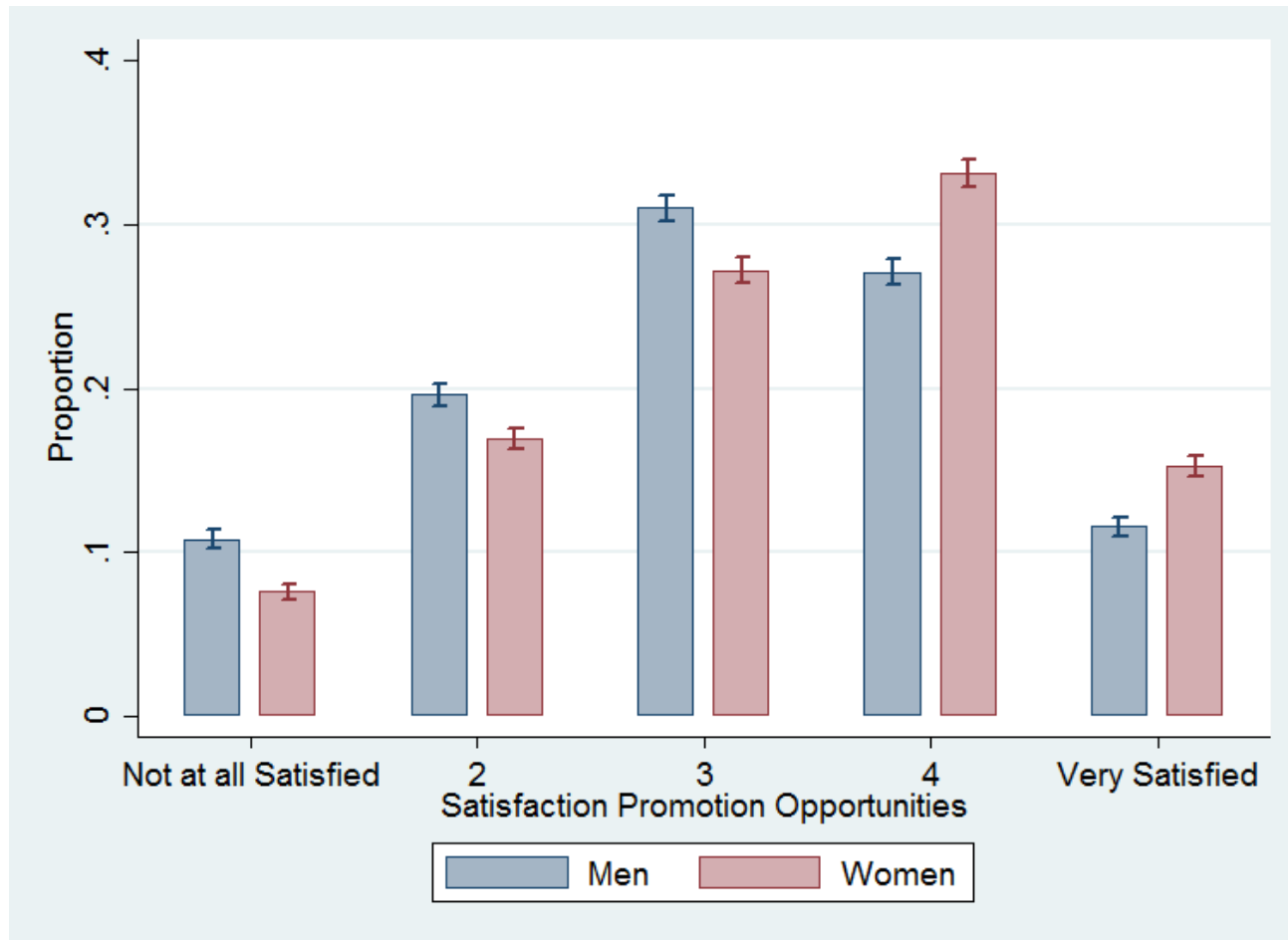
> Effects of Work-Related Values (AME)



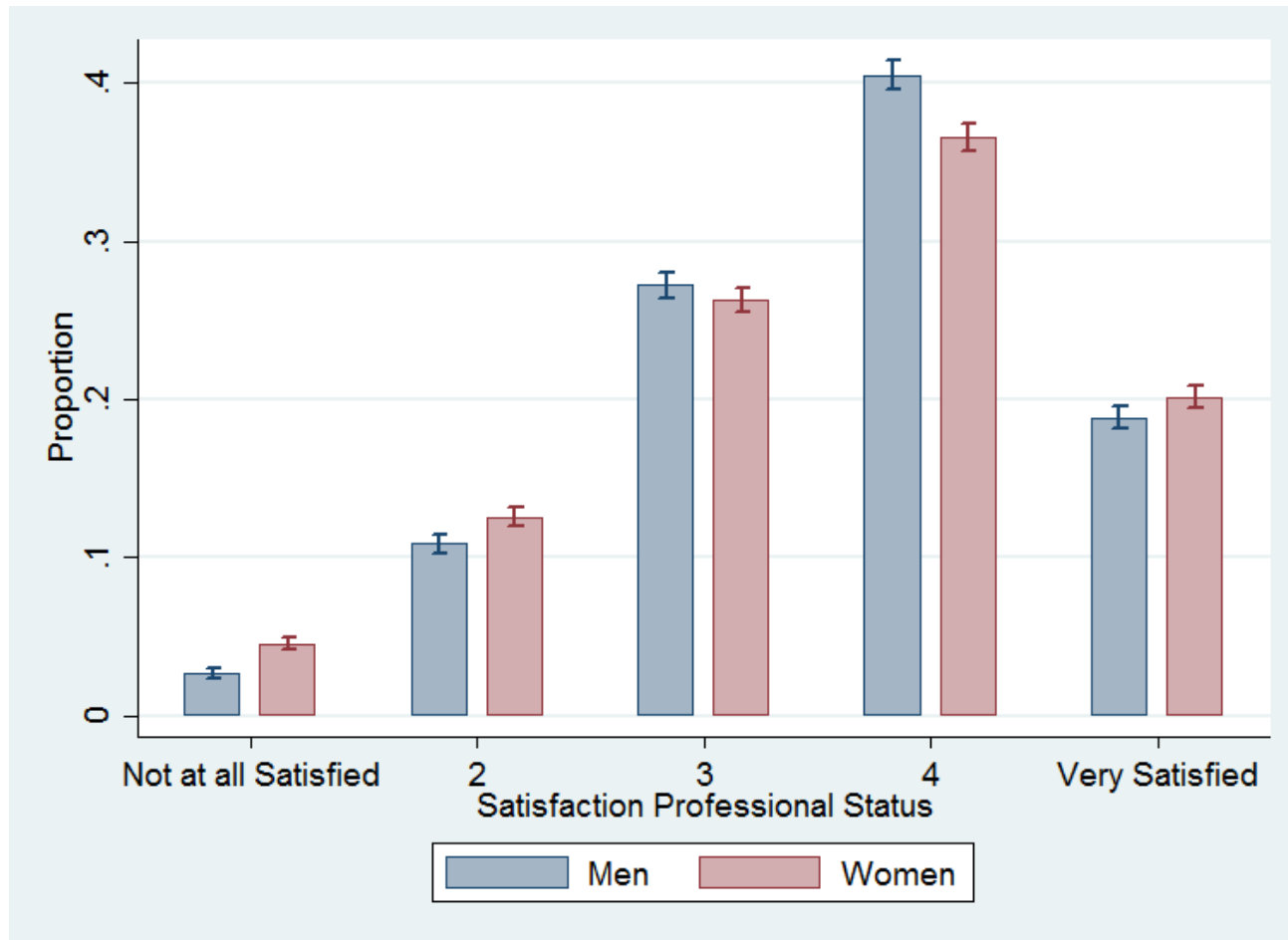
Results Part 2: By Type of University III



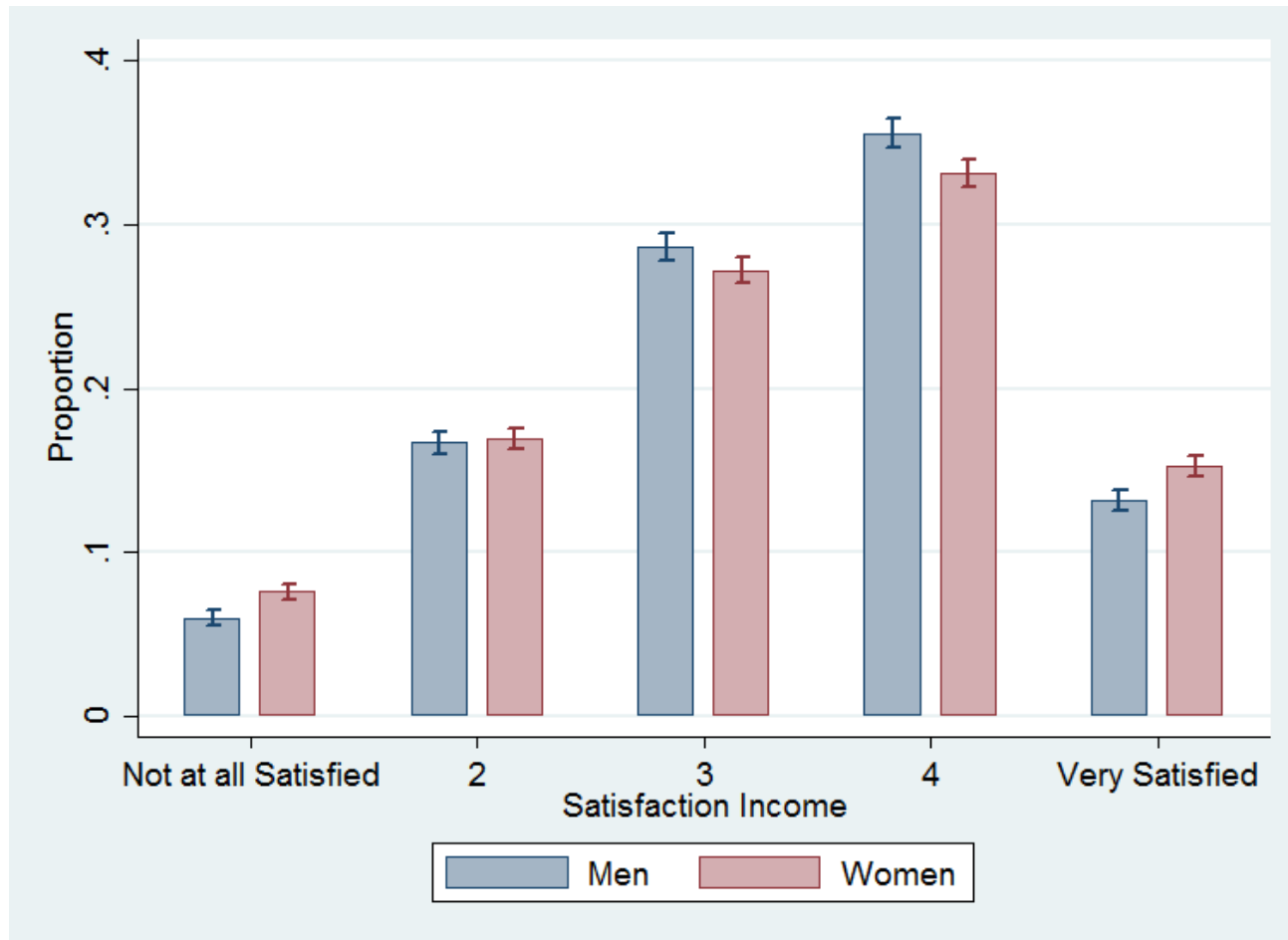
Part 3: Satisfaction I



Part 3: Satisfaction II



Part 3: Satisfaction III



Appendix I

